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... The characteristics of the **infrared** medium also result in there being no reliable way ... Once the **connection** has been established, the IrLAP **layer** moves into the operational or ... The link parameters are negotiated during the **connection setup** procedure and remain constant during ...

Cited by 31 - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)**Rednet: a wireless ATM local area network using infrared links**JH Condon, TS Duff, MF Jukl... - Proceedings of the ..., 1995 - [portal.acm.org](#)

... links. If link error rates are sufficiently high, performance can be improved by a link **layer** retransmission protocol [DES93]. ... col. Logically, a mobile host views its **infrared** link as a point-to-point **connection** to an ATM LAN. It ...

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J Tourrilhes... - Proceedings of the 13th IEEE International ..., 2002 - Citeseer

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... artefacts to this behaviour in the context of directed short range **infrared** communications: 1. Once ... All contention mode traffic occurs at 9600bps over the HP-SIR/UART physical **layer**. ... The communication speed is changed to the rate negotiated in the **connection setup** messages. ...

Cited by 14 - [Related articles](#) - [View as HTML](#) - [Library Search](#) - [All 11 versions](#)**System and method for using a portable information device to establish a conference call on a telephony network**GM Schuster, SS Sidhu, IS Sidhu... - US Patent 6,577,622, 2003 - [Google Patents](#)

... 574 Conference Application 575 Processor 540 -580 Memory 542 Data Storage 543 Page 7. US Patent US 6,577,622 B1 Jun. 10, 2003 Sheet 5 of 14 600 IRLAN 616 IROBEX 6J2 IRCOMM 614 IAS 608 TINYTP 6W IFtLMP 606 IRLAP 604 PHYSICAL **LAYER** 602 FIG. ...

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H Wang - Univ. Pennsylvania, Philadelphia, PA, Tech. Rep, 2001 - Citeseer

Cited by 11 - [Related articles](#) - [All 3 versions](#)**Multivariate determination of glucose in whole blood using partial least-squares and artificial neural networks based on mid-infrared spectroscopy**P Bhandare, Y Mendelson, RA Peura... - Applied ..., 1993 - [opticsinfobase.org](#)

... The **infrared** spectra of these whole blood samples were recorded with the use of Perkin-Elmer FT-IR Model 1750 spectrometer, equipped with a ... We observed that the connections between the hidden and the input **layer** assumed very low **connection** weights, resulting in ...

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J Tourrilhes - Hewlett-Packard Company, 2003 - Citeseer

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
B Vandalore, R Jain, S Fahmy... - Conference on Local ..., 1999 - [ieeexplore.ieee.org](#)
 ... conditions. At the transport **layer** re- source reservation can be made during
connection setup to support end-to-end QoS guarantees. ... rates. At the physical **layer**
 several options ranging from **infrared** to ra- dio is available. An ...


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Fabrication and investigation of an upconversion quantum-well **infrared** photodetector integrated with a light-emitting diode

Z Hong-Lou, L Ning, X Da-Yuan... - Chinese Physics ..., 2005 - [iopscience.iop.org](#)
 ... Fi- nally, a 200-nm p-GaAs top contact **layer** was grown ... The top electrical **connection** consisted
 of a narrow Ti/Pt/Au ring contact and offer an effective optical window ... facet was polished on the
 back edge of the device to facilitate long wavelength **infrared** radiation coupling to the ...

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